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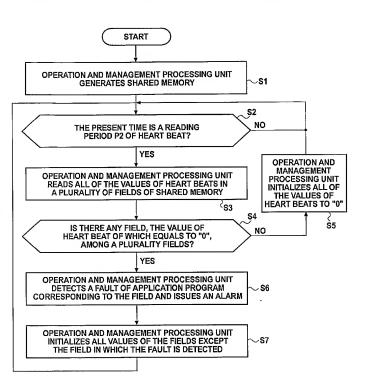
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(54) Title: APPARATUS AND METHOD FOR SENSING FAULTS OF APPLICATION PROGRAMS IN A CDMA SYSTEM



(57) Abstract: The present invention generally relates to apparatus and method for sensing faults of application programs in a CDMA system, which comprises a shared memory comprising a plurality of fields, wherein each of the fields comprises a Heart Beat; a plurality of application programs corresponding to the plurality of fields in the shared memory on a one-to-one basis, each of which accesses to the corresponding field and increments the corresponding Heart Beat by 1 when a certain period (pl) elapses; and an operation and management processing unit which detects values of the Heart Beats of the plurality of fields in the shared memory when other certain period (p2) elapses, if all of the values of the Heart Beats equal to "1," then the operation and management processing unit initializes the values to "0" and performs normal operation, and if any of the values of the Heart Beats equals to "0," then the operation and management processing unit recognizes a fault of an application program connected to the field, the value of Heart Beat which is "0," and issues an alarm. According to the apparatus and method for sensing faults of application programs in a CDMA system of the present invention, the procedure of monitoring application programs can be simplified. This improves the efficiency of the system, compared to the conventional method, which executes the system commands repeatedly and monitors the operation status by detecting the returned value.